

AMENDMENT TO THE CLAIMS

1. - 22 (Canceled)

23. (Currently Amended) An isolated nucleic acid, wherein the sequence of the nucleic acid is selected from the group consisting of:

- (a) SEQ ID NO: 348;
- (b) a DNA encoding the nucleic acid of (a), wherein the DNA is identical in length to (a); and
- (c) a sequence at least 80% identical to (a) or (b), wherein the sequence is 19-24 nucleotides in length; and
- ~~(e)(d)~~ the complement of (a) or (b) any one of (a)-(c), wherein the complement is identical in length to (a)-(c).

24. (Canceled)

25. (Currently Amended) ~~The nucleic acid of claim 23, wherein the sequence of the nucleic acid is~~ An isolated nucleic acid, wherein the sequence of the nucleic acid is selected from the group consisting of:

- (a) SEQ ID NO: 4233864;
- (b) a DNA encoding the nucleic acid of (a), wherein the DNA is identical in length to (a); and
- (c) the complement of (a) or (b), wherein the complement is identical in length to (a) or (b).

26. - 30 (Canceled)

31. (Currently Amended) A vector comprising a heterologous sequence, wherein the heterologous sequence consists of the nucleic acid of claim 23.

32. (Canceled)

33. (Currently Amended) A vector comprising a heterologous sequence, wherein the heterologous sequence consists of the nucleic acid of claim 25.

34. - 38. (Canceled)

39. (New) A probe comprising a heterologous sequence, wherein the heterologous sequence consists of the nucleic acid of claim 23.

40. (New) A probe comprising a heterologous sequence, wherein the heterologous sequence consists of the nucleic acid of claim 25.